

Title (en)  
FLUID CONTROL APPARATUS

Title (de)  
FLUIDSTEUERUNGSVORRICHTUNG

Title (fr)  
APPAREIL DE CONTROLE DE FLUIDE

Publication  
**EP 2788248 B1 20151118 (EN)**

Application  
**EP 12815765 A 20121205**

Priority  
• JP 2011270226 A 20111209  
• IB 2012002592 W 20121205

Abstract (en)  
[origin: WO2013084047A1] A fluid control apparatus (10) includes a plate member (11) a that separates an air stream ST on a surface of a body of a moving body (1) into a boundary layer BL and a main flow MF and a blow-out portion (13) that blows out the boundary layer BL separated by the plate member (11a) into the main flow MF separated by the plate member (11a) in a downstream of the plate member (11a) in a flow direction of an air stream.

IPC 8 full level  
**B62D 35/02** (2006.01)

CPC (source: EP US)  
**B62D 35/02** (2013.01 - EP US); **Y02T 10/82** (2013.01 - EP US); **Y02T 10/88** (2013.01 - EP US)

Cited by  
EP4342773A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2013084047 A1 20130613**; CN 103987618 A 20140813; CN 103987618 B 20160413; EP 2788248 A1 20141015; EP 2788248 B1 20151118; EP 2788248 B8 20160622; JP 2013121743 A 20130620; JP 5879995 B2 20160308; US 2014361578 A1 20141211; US 9102368 B2 20150811

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**IB 2012002592 W 20121205**; CN 201280060614 A 20121205; EP 12815765 A 20121205; JP 2011270226 A 20111209; US 201214363548 A 20121205